ANNUAL INDEX

1991

AUTHORS

Aftergood, Steven, David W. Hafemeister, Oleg F. Prilutsky, Joel R. Primack and Stanislav N. Rodionov. NUCLEAR POWER IN SPACE; June, page 42.

Alexander, R. McNeill. HOW DINOSAURS

RAN; April, page 130.

Anthony, David, Dimitri Y. Telegin and Dorcas Brown. THE ORIGIN OF HORSE-BACK RIDING; December, page 94.

Aral, Sevgi O., and King K. Holmes. SEX-UALLY TRANSMITTED DISEASES IN THE AIDS ERA; February, page 62.

Bak, Per, and Kan Chen. SELF-ORGA-NIZED CRITICALITY; January, page 46.

Barnes, Joshua, Lars Hernquist and François Schweizer. COLLIDING GAL-AXIES; August, page 40.

Barton, John H. PATENTING LIFE; March, page 40.

Barucci, M. Antonietta, Richard P. Binzel and Marcello Fulchignoni. THE ORI-GINS OF THE ASTEROIDS; October, page 88.

Bassuk, Ellen L. HOMELESS FAMILIES; December, page 66.

Beardsley, Tim. TRENDS IN BIOLOGY: SMART GENES; August, page 86.

Bellwood, Peter. THE AUSTRONESIAN DISPERSAL AND THE ORIGIN OF LANGUAGES; July, page 88.

Bergman, Christopher A., Edward McEwen and Robert L. Miller. EARLY BOW DESIGN AND CONSTRUCTION; June, page 76.

Berns, Michael W. LASER SURGERY; June, page 84.

Bintliff, John L., and Anthony M. Snodgrass. SURVEYING ANCIENT CITIES; March, page 88.

Binzel, Richard P., M. Antonietta Barucci and Marcello Fulchignoni. THE ORI-GINS OF THE ASTEROIDS; October, page 88.

Black, David C. WORLDS AROUND OTHER STARS; January, page 76.

Branscomb, Anne W. COMPUTERS, NET-WORKS AND PUBLIC POLICY: COMMON LAW FOR THE ELECTRONIC FRONTIER; September, page 150.

Breuker, Horst, Hans Drevermann, Christoph Grab, Alphonse A. Rademakers and Howard Stone. TRACKING AND IMAGING ELEMENTARY PARTICLES; August, page 58.

Brimhall, George. THE GENESIS OF ORES; May, page 84.

Brooke, Michael, and Nicholas B. Davies. COEVOLUTION OF THE CUCKOO AND ITS HOSTS; January, page 92. Brown, Dorcas, David Anthony and Dimitri Y. Telegin. THE ORIGIN OF HORSEBACK RIDING; December, page 94.

Buendia, Marie-Annick, and Pierre Tiollais. HEPATITIS B VIRUS; April, page 116.

Cavalli-Sforza, Luigi Luca. GENES, PEO-PLES AND LANGUAGES; November, page 104.

Cerf, Vinton G. NETWORKS; September, page 72.

Chen, Kan, and Per Bak. SELF-ORGA-NIZED CRITICALITY; January, page 46.

Choi, Dennis W., and Justin A. Zivin. STROKE THERAPY; July, page 56. Cohn, Zanvil A., and Carol L. Moberg.

RENÉ JULES DUBOS; May, page 66. Corcoran, Elizabeth. TRENDS IN COM-

PUTING: CALCULATING REALITY; January, page 100.

Corcoran, Elizabeth. TRENDS IN ENERGY: CLEANING UP COAL; May, page 106.

Courvoisier, Thierry J.-L., and E. Ian Robson. THE QUASAR 3C 273; June, page 50.

Cunningham, Patrick. THE GENETICS OF THOROUGHBRED HORSES; May, page 92.

Curl, Robert F., and Richard E. Smalley. FULLERENES; October, page 54.

Dalmédico, Amy Dahan. SOPHIE GER-MAIN; December, page 116.

Davies, Nicholas B., and Michael Brooke. COEVOLUTION OF THE CUCKOO AND ITS HOSTS; January, page 92.

Dertouzos, Michael L. COMMUNICA-TIONS, COMPUTERS AND NETWORKS; September, page 62.

Dostrovsky, Israel. CHEMICAL FUELS FROM THE SUN; December, page 102.

Drevermann, Hans, Horst Breuker, Christoph Grab, Alphonse A. Rademakers and Howard Stone. TRACKING AND IMAGING ELEMENTARY PARTICLES; August, page 58.

Evans, Howard E., and Kevin M. O'Neill. BEEWOLVES; August, page 70.

Feldman, Gary J., and Jack Steinberger. THE NUMBER OF FAMILIES OF MATTER; February, page 70.

Fischetti, Vincent A. STREPTOCOCCAL M PROTEIN; June, page 58.

Freeman, Walter J. THE PHYSIOLOGY OF PERCEPTION; February, page 78.

Fulchignoni, Marcello, Richard P. Binzel and M. Antonietta Barucci. The Ori-GINS OF THE ASTEROIDS; October, page 88.

Golde, David W. THE STEM CELL; December, page 86.

Goldman, Alan I., and Peter W. Stephens. THE STRUCTURE OF QUA-SICRYSTALS; April, page 44.

Gore, Al. COMPUTERS, NETWORKS AND PUBLIC POLICY: INFRASTRUCTURE FOR THE GLOBAL VILLAGE; September, page 150.

Grab, Christoph, Horst Breuker, Hans

Drevermann, Alphonse A. Rademakers and Howard Stone. TRACKING AND IMAGING ELEMENTARY PARTICLES; August, page 58.

Grant, Peter R. NATURAL SELECTION AND DARWIN'S FINCHES; October, page

82.

Green, Howard. CULTURED CELLS FOR THE TREATMENT OF DISEASE; November, page 96.

Greenberg, Donald P. COMPUTERS AND ARCHITECTURE; February, page 104.

Greenough, William B., III, and Norbert Hirschhorn. PROGRESS IN ORAL REHY-DRATION THERAPY; May, page 50.

Gutbrod, Hans, and Horst Stöcker. THE NUCLEAR EQUATION OF STATE; November, page 58.

Hafemeister, David W., Steven Aftergood, Oleg F. Prilutsky, Joel R. Primack and Stanislav N. Rodionov. NUCLEAR POWER IN SPACE; June, page 42.

Halliwell, Jonathan J. QUANTUM COS-MOLOGY AND THE CREATION OF THE UNIVERSE; December, page 76.

Harbison, James P., Jack L. Jewell and Axel Scherer. MICROLASERS; November, page 86.

Hendrickson, Thomas J., Edward L. Kottick and Kenneth D. Marshall. THE ACOUSTICS OF THE HARPSICHORD; February, page 110.

Hernquist, Lars, Joshua Barnes and François Schweizer. COLLIDING GAL-AXIES; August, page 40.

Hill, Donald R. MECHANICAL ENGINEER-ING IN THE MEDIEVAL NEAR EAST; May, page 100.

Hirschhorn, Norbert, and William B. Greenough III. PROGRESS IN ORAL RE-HYDRATION THERAPY; May, page 50.

Holloway, Marguerite. TRENDS IN PHARMACOLOGY: R_χ FOR ADDICTION; March, page 94.

Holloway, Marguerite, and John Horgan. TRENDS IN ENVIRONMENTAL TECHNOL-OGY: SOILED SHORES; October, page 102.

Holmes, King K., and Sevgi O. Aral. SEX-UALLY TRANSMITTED DISEASES IN THE AIDS ERA; February, page 62.

Horgan, John. TRENDS IN EVOLUTION: IN THE BEGINNING...; February, page 116.

Horgan, John, and Marguerite Holloway. TRENDS IN ENVIRONMENTAL TECHNOL-OGY: SOILED SHORES; October, page 102.

Howells, Malcolm R., Janos Kirz and David Sayre. x-RAY MICROSCOPES; February, page 88.

Hubbard, Harold M. THE REAL COST OF ENERGY; April, page 36.

Jewell, Jack L., James P. Harbison and Axel Scherer. MICROLASERS; November, page 86.

Kapitza, Sergei. ANTISCIENCE TRENDS IN THE U.S.S.R.; August, page 32.

ANNUAL INDEX

1991

AUTHORS

Aftergood, Steven, David W. Hafemeister, Oleg F. Prilutsky, Joel R. Primack and Stanislav N. Rodionov. NUCLEAR POWER IN SPACE; June, page 42.

Alexander, R. McNeill. HOW DINOSAURS

RAN; April, page 130.

Anthony, David, Dimitri Y. Telegin and Dorcas Brown. THE ORIGIN OF HORSE-BACK RIDING; December, page 94.

Aral, Sevgi O., and King K. Holmes. SEX-UALLY TRANSMITTED DISEASES IN THE AIDS ERA; February, page 62.

Bak, Per, and Kan Chen. SELF-ORGA-NIZED CRITICALITY; January, page 46.

Barnes, Joshua, Lars Hernquist and François Schweizer. COLLIDING GAL-AXIES; August, page 40.

Barton, John H. PATENTING LIFE; March, page 40.

Barucci, M. Antonietta, Richard P. Binzel and Marcello Fulchignoni. THE ORI-GINS OF THE ASTEROIDS; October, page 88.

Bassuk, Ellen L. HOMELESS FAMILIES; December, page 66.

Beardsley, Tim. TRENDS IN BIOLOGY: SMART GENES; August, page 86.

Bellwood, Peter. THE AUSTRONESIAN DISPERSAL AND THE ORIGIN OF LANGUAGES; July, page 88.

Bergman, Christopher A., Edward McEwen and Robert L. Miller. EARLY BOW DESIGN AND CONSTRUCTION; June, page 76.

Berns, Michael W. LASER SURGERY; June, page 84.

Bintliff, John L., and Anthony M. Snodgrass. SURVEYING ANCIENT CITIES; March, page 88.

Binzel, Richard P., M. Antonietta Barucci and Marcello Fulchignoni. THE ORI-GINS OF THE ASTEROIDS; October, page 88.

Black, David C. WORLDS AROUND OTHER STARS; January, page 76.

Branscomb, Anne W. COMPUTERS, NET-WORKS AND PUBLIC POLICY: COMMON LAW FOR THE ELECTRONIC FRONTIER; September, page 150.

Breuker, Horst, Hans Drevermann, Christoph Grab, Alphonse A. Rademakers and Howard Stone. TRACKING AND IMAGING ELEMENTARY PARTICLES; August, page 58.

Brimhall, George. THE GENESIS OF ORES; May, page 84.

Brooke, Michael, and Nicholas B. Davies. COEVOLUTION OF THE CUCKOO AND ITS HOSTS; January, page 92. Brown, Dorcas, David Anthony and Dimitri Y. Telegin. THE ORIGIN OF HORSEBACK RIDING; December, page 94.

Buendia, Marie-Annick, and Pierre Tiollais. HEPATITIS B VIRUS; April, page 116.

Cavalli-Sforza, Luigi Luca. GENES, PEO-PLES AND LANGUAGES; November, page 104.

Cerf, Vinton G. NETWORKS; September, page 72.

Chen, Kan, and Per Bak. SELF-ORGA-NIZED CRITICALITY; January, page 46.

Choi, Dennis W., and Justin A. Zivin. STROKE THERAPY; July, page 56. Cohn, Zanvil A., and Carol L. Moberg.

RENÉ JULES DUBOS; May, page 66. Corcoran, Elizabeth. TRENDS IN COM-

PUTING: CALCULATING REALITY; January, page 100.

Corcoran, Elizabeth. TRENDS IN ENERGY: CLEANING UP COAL; May, page 106.

Courvoisier, Thierry J.-L., and E. Ian Robson. THE QUASAR 3C 273; June, page 50.

Cunningham, Patrick. THE GENETICS OF THOROUGHBRED HORSES; May, page 92.

Curl, Robert F., and Richard E. Smalley. FULLERENES; October, page 54.

Dalmédico, Amy Dahan. SOPHIE GER-MAIN; December, page 116.

Davies, Nicholas B., and Michael Brooke. COEVOLUTION OF THE CUCKOO AND ITS HOSTS; January, page 92.

Dertouzos, Michael L. COMMUNICA-TIONS, COMPUTERS AND NETWORKS; September, page 62.

Dostrovsky, Israel. CHEMICAL FUELS FROM THE SUN; December, page 102.

Drevermann, Hans, Horst Breuker, Christoph Grab, Alphonse A. Rademakers and Howard Stone. TRACKING AND IMAGING ELEMENTARY PARTICLES; August, page 58.

Evans, Howard E., and Kevin M. O'Neill. BEEWOLVES; August, page 70.

Feldman, Gary J., and Jack Steinberger. THE NUMBER OF FAMILIES OF MATTER; February, page 70.

Fischetti, Vincent A. STREPTOCOCCAL M PROTEIN; June, page 58.

Freeman, Walter J. THE PHYSIOLOGY OF PERCEPTION; February, page 78.

Fulchignoni, Marcello, Richard P. Binzel and M. Antonietta Barucci. The Ori-GINS OF THE ASTEROIDS; October, page 88.

Golde, David W. THE STEM CELL; December, page 86.

Goldman, Alan I., and Peter W. Stephens. THE STRUCTURE OF QUA-SICRYSTALS; April, page 44.

Gore, Al. COMPUTERS, NETWORKS AND PUBLIC POLICY: INFRASTRUCTURE FOR THE GLOBAL VILLAGE; September, page 150.

Grab, Christoph, Horst Breuker, Hans

Drevermann, Alphonse A. Rademakers and Howard Stone. TRACKING AND IMAGING ELEMENTARY PARTICLES; August, page 58.

Grant, Peter R. NATURAL SELECTION AND DARWIN'S FINCHES; October, page

82.

Green, Howard. CULTURED CELLS FOR THE TREATMENT OF DISEASE; November, page 96.

Greenberg, Donald P. COMPUTERS AND ARCHITECTURE; February, page 104.

Greenough, William B., III, and Norbert Hirschhorn. PROGRESS IN ORAL REHY-DRATION THERAPY; May, page 50.

Gutbrod, Hans, and Horst Stöcker. THE NUCLEAR EQUATION OF STATE; November, page 58.

Hafemeister, David W., Steven Aftergood, Oleg F. Prilutsky, Joel R. Primack and Stanislav N. Rodionov. NUCLEAR POWER IN SPACE; June, page 42.

Halliwell, Jonathan J. QUANTUM COS-MOLOGY AND THE CREATION OF THE UNIVERSE; December, page 76.

Harbison, James P., Jack L. Jewell and Axel Scherer. MICROLASERS; November, page 86.

Hendrickson, Thomas J., Edward L. Kottick and Kenneth D. Marshall. THE ACOUSTICS OF THE HARPSICHORD; February, page 110.

Hernquist, Lars, Joshua Barnes and François Schweizer. COLLIDING GAL-AXIES; August, page 40.

Hill, Donald R. MECHANICAL ENGINEER-ING IN THE MEDIEVAL NEAR EAST; May, page 100.

Hirschhorn, Norbert, and William B. Greenough III. PROGRESS IN ORAL RE-HYDRATION THERAPY; May, page 50.

Holloway, Marguerite. TRENDS IN PHARMACOLOGY: R_χ FOR ADDICTION; March, page 94.

Holloway, Marguerite, and John Horgan. TRENDS IN ENVIRONMENTAL TECHNOL-OGY: SOILED SHORES; October, page 102.

Holmes, King K., and Sevgi O. Aral. SEX-UALLY TRANSMITTED DISEASES IN THE AIDS ERA; February, page 62.

Horgan, John. TRENDS IN EVOLUTION: IN THE BEGINNING...; February, page 116.

Horgan, John, and Marguerite Holloway. TRENDS IN ENVIRONMENTAL TECHNOL-OGY: SOILED SHORES; October, page 102.

Howells, Malcolm R., Janos Kirz and David Sayre. x-RAY MICROSCOPES; February, page 88.

Hubbard, Harold M. THE REAL COST OF ENERGY; April, page 36.

Jewell, Jack L., James P. Harbison and Axel Scherer. MICROLASERS; November, page 86.

Kapitza, Sergei. ANTISCIENCE TRENDS IN THE U.S.S.R.; August, page 32.

Kapor, Mitchell. COMPUTERS, NETWORKS AND PUBLIC POLICY: CIVIL LIBERTIES IN CYBERSPACE; September, page 150.

Kauffman, Stuart A. ANTICHAOS AND ADAPTATION; August, page 78.

Kay, Alan C. COMPUTERS, NETWORKS AND EDUCATION; September, page 138.

Kennel, Charles F., and Roald Z. Sagdeev. COLLISIONLESS SHOCK WAVES; April, page 106.

Kiesler, Sara, and Lee Sproull. COMPUT-ERS, NETWORKS AND WORK; September, page 116.

Kirschner, Marc W., and Andrew W. Murray. WHAT CONTROLS THE CELL CYCLE; March, page 56.

Kirz, Janos, Malcolm R. Howells and David Sayre. x-RAY MICROSCOPES; February, page 88.

Kisielow, Pawel, and Harald von Boehmer. HOW THE IMMUNE SYSTEM LEARNS ABOUT SELF; October, page 74. Knoll, Andrew H. END OF THE PROTERO-

ZOIC EON; October, page 64.

Kottick, Edward L., Kenneth D. Marshall and Thomas J. Hendrickson. THE ACOUSTICS OF THE HARPSICHORD; February, page 110.

Kutzbach, John E., and William F. Ruddiman. PLATEAU UPLIFT AND CLIMATIC CHANGE; March, page 66.

Lam, Dominic Man-Kit, and Bryant W. Rossiter. CHROMOSKEDASIC PAINTING; November, page 80.

Lederman, Leon M. THE TEVATRON; March, page 48.

Mahowald, Misha A., and Carver Mead. THE SILICON RETINA; May, page 76.

Malone, Thomas W., and John F. Rockart. COMPUTERS, NETWORKS AND THE CORPORATION; September, page 128.

Marshall, Kenneth D., Edward L. Kottick and Thomas J. Hendrickson. THE ACOUSTICS OF THE HARPSICHORD; February, page 110.

McCrea, Sir William. ARTHUR STANLEY EDDINGTON; June, page 92.

McEwen, Edward, Robert L. Miller and Christopher A. Bergman. EARLY BOW DESIGN AND CONSTRUCTION; June, page 76.

McKnight, Steven Lanier. MOLECULAR ZIPPERS IN GENE REGULATION; April, page 54

Mead, Carver, and Misha A. Mahowald. THE SILICON RETINA; May, page 76.

Merkel, John F., and Izumi Shimada. COPPER-ALLOY METALLURGY IN AN-CIENT PERU; July, page 80.

Miller, Robert L., Edward McEwen and Christopher A. Bergman. EARLY BOW DESIGN AND CONSTRUCTION; June, page 76.

Moberg, Carol L., and Zanvil A. Cohn. RENÉ JULES DUBOS; May, page 66.

Moyzis, Robert K. THE HUMAN TELO-

MERE; August, page 48.

Murray, Andrew W., and Marc W. Kirschner. WHAT CONTROLS THE CELL CYCLE; March, page 56.

Musto, David F. OPIUM, COCAINE AND MARIJUANA IN AMERICAN HISTORY; July, page 40.

Negroponte, Nicholas P. PRODUCTS AND SERVICES FOR COMPUTER NETWORKS; September, page 106.

O'Neill, Kevin M., and Howard E. Evans. BEEWOLVES; August, page 70.

Orloff, Jon. FOCUSED ION BEAMS; October, page 96.

Perry, David M., Glen M. Robinson and Richard W. Peterson. OPTICAL INTER-FEROMETRY OF SURFACES; July, page 66.

Peterson, Richard W., Glen M. Robinson and David M. Perry. OPTICAL INTER-FEROMETRY OF SURFACES; July, page 66.

Powell, Corey S. TRENDS IN GEOPHYSICS: PEERING INWARD; June, page 100.

Powell, Corey S. TRENDS IN ASTRON-OMY: MIRRORING THE COSMOS; November, page 112.

Prilutsky, Oleg F., Steven Aftergood, David W. Hafemeister, Joel R. Primack and Stanislav N. Rodionov. NUCLEAR POWER IN SPACE; June, page 42.

Primack, Joel R., Steven Aftergood, David W. Hafemeister, Oleg F. Prilutsky and Stanislav N. Rodionov. NUCLE-AR POWER IN SPACE; June, page 42.

Rademakers, Alphonse A., Horst Breuker, Hans Drevermann, Christoph Grab and Howard Stone. TRACKING AND IMAGING ELEMENTARY PARTICLES; August, page 58.

Richards, Frederic M. THE PROTEIN FOLDING PROBLEM; January, page 54.

Richelson, Jeffrey T. THE FUTURE OF SPACE RECONNAISSANCE; January, page 38.

Rismiller, Peggy D., and Roger S. Seymour. THE ECHIDNA; February, page

Robinson, Glen M., David M. Perry and Richard W. Peterson. OPTICAL INTER-FEROMETRY OF SURFACES; July, page 66.

Robson, E. Ian, and Thierry J.-L. Courvoisier. THE QUASAR 3C 273; June, page

Rockart, John F., and Thomas W. Malone. COMPUTERS, NETWORKS AND THE CORPORATION; September, page 128.

Rodionov, Stanislav N., Steven Aftergood, David W. Hafemeister, Oleg F. Prilutsky and Joel R. Primack. NUCLE-AR POWER IN SPACE; June, page 42.

Ross, Philip E. TRENDS IN LINGUISTICS: HARD WORDS; April, page 138.

Rossiter, Bryant W., and Dominic Man-Kit Lam. CHROMOSKEDASIC PAINTING; November, page 80.

Ruddiman, William F., and John E.

Kutzbach. PLATEAU UPLIFT AND CLI-MATIC CHANGE; March, page 66.

Sagdeev, Roald Z., and Charles F. Kennel. COLLISIONLESS SHOCK WAVES; April, page 106.

Sayre, David, Malcolm R. Howells and Janos Kirz. X-RAY MICROSCOPES; February, page 88.

Scaglia, Gustina. BUILDING THE CATHE-DRAL IN FLORENCE; January, page 66.

Scherer, Axel, Jack L. Jewell and James P. Harbison. MICROLASERS; November, page 86.

Schultz, Jerome S. BIOSENSORS; August, page 64.

Schweizer, François, Joshua Barnes and Lars Hernquist. COLLIDING GALAXIES; August, page 40.

Scrimshaw, Nevin S. IRON DEFICIENCY; October, page 46.

Selkoe, Dennis J. AMYLOID PROTEIN AND ALZHEIMER'S DISEASE; November, page 68.

Seymour, Roger S., and Peggy D. Rismiller. THE ECHIDNA; February, page 96.

Seymour, Roger S. THE BRUSH TURKEY; December, page 108.

Shimada, Izumi, and John F. Merkel. COPPER-ALLOY METALLURGY IN AN-CIENT PERU; July, page 80.

Smalley, Richard E., and Robert F. Curl. FULLERENES; October, page 54.

Snodgrass, Anthony M., and John L. Bintliff. Surveying Ancient Cities; March, page 88.

Sproull, Lee, and Sara Kiesler. COMPUT-ERS, NETWORKS AND WORK; September, page 116.

Stahler, Steven W. THE EARLY LIFE OF STARS; July, page 48.

Steinberger, Jack, and Gary J. Feldman. THE NUMBER OF FAMILIES OF MATTER; February, page 70.

Stephens, Peter W., and Alan I. Goldman. THE STRUCTURE OF QUASICRYS-TALS; April, page 44.

Stix, Gary. TRENDS IN TRANSPORTATION: ALONG FOR THE RIDE?; July, page 94.

Stöcker, Horst, and Hans Gutbrod. THE NUCLEAR EQUATION OF STATE; November, page 58.

Stone, Howard, Horst Breuker, Hans Drevermann, Christoph Grab and Alphonse A. Rademakers. TRACKING AND IMAGING ELEMENTARY PARTICLES; August, page 58.

Strobel, Gary A. BIOLOGICAL CONTROL OF WEEDS; July, page 72.

Telegin, Dimitri Y., David Anthony and Dorcas Brown. THE ORIGIN OF HORSE-BACK RIDING; December, page 94.

Tesler, Lawrence G. NETWORKED COM-PUTING IN THE 1990S; September, page 86.

Tiollais, Pierre, and Marie-Annick Buendia. HEPATTIIS B VIRUS; April, page 116.

Toon, Owen B., and Richard P. Turco. POLAR STRATOSPHERIC CLOUDS AND OZONE DEPLETION; June, page 68.

Trotter, Donald M., Ir. PHOTOCHROMIC AND PHOTOSENSITIVE GLASS; April, page 124.

Turco, Richard P., and Owen B. Toon. POLAR STRATOSPHERIC CLOUDS AND OZONE DEPLETION; June, page 68.

Von Boehmer, Harald, and Pawel Kisielow. HOW THE IMMUNE SYSTEM LEARNS ABOUT SELF; October, page 74. Wallich, Paul, TRENDS IN ARTIFICIAL IN-

TELLIGENCE: SILICON BABIES; Decem-

ber, page 124.

Weiser, Mark. THE COMPUTER FOR THE 21ST CENTURY; September, page 94.

Weissmann, Gerald. ASPIRIN; January, page 84.

Wilczek, Frank. ANYONS; May, page 58. Winston, Roland. NONIMAGING OPTICS; March, page 76.

Young, James A. TUMBLEWEED; March,

Zimring, Franklin E. FIREARMS, VIO-LENCE AND PUBLIC POLICY; November,

Zivin, Justin A., and Dennis W. Choi. STROKE THERAPY; July, page 56.

ARTICLES

ACOUSTICS OF THE HARPSICHORD, THE, by Edward L. Kottick, Kenneth D. Marshall and Thomas J. Hendrickson; February, page 110.

ALZHEIMER'S DISEASE, AMYLOID PROTEIN AND, by Dennis J. Selkoe; November,

ANCIENT CITIES, SURVEYING, by Anthony M. Snodgrass and John L. Bintliff; March, page 88.

ANTICHAOS AND ADAPTATION, by Stuart A. Kauffman; August, page 78.

ANYONS, by Frank Wilczek; May, page 58

ASPIRIN, by Gerald Weissmann; January, page 84.

ASTEROIDS, THE ORIGINS OF THE, by Richard P. Binzel, M. Antonietta Barucci and Marcello Fulchignoni; October,

AUSTRONESIAN DISPERSAL AND THE ORI-GIN OF LANGUAGES, THE, by Peter Bellwood; July, page 88.

BEEWOLVES, by Howard E. Evans and Kevin M. O'Neill; August, page 70.

BIOSENSORS, by Jerome S. Schultz; August, page 64.

BOW DESIGN AND CONSTRUCTION, EAR-LY, by Edward McEwen, Robert L. Miller and Christopher A. Bergman; June, page 76.

BRUSH TURKEY, THE, by Roger S. Sevmour; December, page 108.

CATHEDRAL IN FLORENCE, BUILDING THE, by Gustina Scaglia; January, page 66.

CELL CYCLE, WHAT CONTROLS THE, by Andrew W. Murray and Marc W. Kirschner; March, page 56.

CHROMOSKEDASIC PAINTING, by Dominic Man-Kit Lam and Bryant W. Rossiter, November, page 80.

CLIMATIC CHANGE, PLATEAU UPLIFT AND, by William F. Ruddiman and John E. Kutzbach; March, page 66.

COMMUNICATIONS, COMPUTERS AND NETWORKS, by Michael L. Dertouzos; September, page 62.

COMPUTER FOR THE 21ST CENTURY, THE, by Mark Weiser; September, page 94. COMPUTER NETWORKS, PRODUCTS AND SERVICES FOR, by Nicholas P. Negro-

ponte; September, page 106.

COMPUTERS AND ARCHITECTURE, by Donald P. Greenberg; February, page

COMPUTERS, NETWORKS AND EDUCA-TION, by Alan C. Kay; September, page 138

COMPUTERS, NETWORKS AND PUBLIC POLICY: CIVIL LIBERTIES IN CYBER-SPACE, by Mitchell Kapor; September, page 150.

COMPUTERS, NETWORKS AND PUBLIC POLICY: COMMON LAW FOR THE ELEC-TRONIC FRONTIER, by Anne Branscomb; September, page 150.

COMPUTERS, NETWORKS AND PUBLIC POLICY: INFRASTRUCTURE FOR THE GLOBAL VILLAGE, by Al Gore; September, page 150.

COMPUTERS, NETWORKS AND THE CORPORATION, by Thomas W. Malone and John F. Rockart; September, page

COMPUTERS, NETWORKS AND WORK, by Lee Sproull and Sara Kiesler; September, page 116.

COPPER-ALLOY METALLURGY IN ANCIENT PERU, by Izumi Shimada and John F. Merkel; July, page 80.

CUCKOO AND ITS HOSTS, COEVOLUTION OF THE, by Nicholas B. Davies and Michael Brooke; January, page 92.

CULTURED CELLS FOR THE TREATMENT OF DISEASE, by Howard Green; November, page 96.

DINOSAURS RAN, HOW, by R. McNeill Alexander; April, page 130.

DUBOS, RENÉ JULES, by Carol L. Moberg and Zanvil A. Cohn; May, page 66.

ECHIDNA, THE, by Peggy D. Rismiller and Roger S. Seymour; February, page

EDDINGTON, ARTHUR STANLEY, by Sir William McCrea; June, page 92.

ELEMENTARY PARTICLES, TRACKING AND IMAGING, by Horst Breuker, Hans Drevermann, Christoph Grab, Alphonse A. Rademakers and Howard Stone; August, page 58.

ENERGY, THE REAL COST OF, by Harold M. Hubbard; April, page 36.

FAMILIES OF MATTER, THE NUMBER OF,

by Gary J. Feldman and Jack Steinberger; February, page 70.

FIREARMS, VIOLENCE AND PUBLIC POL-ICY, by Franklin E. Zimring: November, page 48.

FUELS FROM THE SUN, CHEMICAL, by Israel Dostrovsky; December, page 102. FULLERENES, by Robert F. Curl and

Richard E. Smalley; October, page 54. GALAXIES, COLLIDING, by Joshua Barnes, Lars Hernquist and François Schweizer; August, page 40.

GENES, PEOPLES AND LANGUAGES, by Luigi Luca Cavalli-Sforza; November, page 104.

GERMAIN, SOPHIE, by Amy Dahan Dalmédico; December, page 116.

HEPATITIS B VIRUS, by Pierre Tiollais and Marie-Annick Buendia; April, page

HOMELESS FAMILIES, by Ellen L. Bassuk; December, page 66.

HORSEBACK RIDING, THE ORIGIN OF, by David Anthony, Dimitri Y. Telegin and Dorcas Brown; December, page 94.

IMMUNE SYSTEM LEARNS ABOUT SELF. HOW THE, by Harald von Boehmer and Pawel Kisielow; October, page 74.

ION BEAMS, FOCUSED, by Jon Orloff; October, page 96.

IRON DEFICIENCY, by Nevin S. Scrimshaw; October, page 46.

LASER SURGERY, by Michael W. Berns; June, page 84.

MECHANICAL ENGINEERING IN THE ME-DIEVAL NEAR EAST, by Donald R. Hill; May, page 100.

MICROLASERS, by Jack L. Jewell, James P. Harbison and Axel Scherer; November, page 86.

MOLECULAR ZIPPERS IN GENE REGULA-TION, by Steven Lanier McKnight; April, page 54.

NATURAL SELECTION AND DARWIN'S FINCHES, by Peter R. Grant; October, page 82.

NETWORKED COMPUTING IN THE 1990S, by Lawrence G. Tesler; September, page 86.

NETWORKS, by Vinton G. Cerf; September, page 72.

NONIMAGING OPTICS, by Roland Winston; March, page 76.

NUCLEAR EQUATION OF STATE, THE, by Hans Gutbrod and Horst Stöcker; November, page 58.

NUCLEAR POWER IN SPACE, by Steven Aftergood, David W. Hafemeister, Oleg F. Prilutsky, Joel R. Primack and Stanislav N. Rodionov; June, page 42.

OPIUM, COCAINE AND MARIJUANA IN AMERICAN HISTORY, by David F. Musto; July, page 40.

OPTICAL INTERFEROMETRY OF SURFACES. by Glen M. Robinson, David M. Perry and Richard W. Peterson; July, page

ORAL REHYDRATION THERAPY, PROG-

RESS IN, by Norbert Hirschhorn and William B. Greenough III; May, page 50.

ORES, THE GENESIS OF, by George Brimhall; May, page 84.

OZONE DEPLETION, POLAR STRATO-SPHERIC CLOUDS AND, by Owen B. Toon and Richard P. Turco; June, page 68.

PATENTING LIFE, by John H. Barton; March, page 40.

PERCEPTION, THE PHYSIOLOGY OF, by Walter J. Freeman; February, page 78.

PHOTOCHROMIC AND PHOTOSENSITIVE GLASS, by Donald M. Trotter, Jr.; April, page 124.

PROTEIN FOLDING PROBLEM, THE, by Frederic M. Richards; January, page 54.

PROTEROZOIC EON, END OF THE, by Andrew H. Knoll; October, page 64.

QUANTUM COSMOLOGY AND THE CREATION OF THE UNIVERSE, by Jonathan J. Halliwell; December, page 76.

QUASAR 3C 273, THE, by Thierry J.-L. Courvoisier and E. Ian Robson; June, page 50.

QUASICRYSTALS, THE STRUCTURE OF, by Peter W. Stephens and Alan I. Goldman; April, page 44.

SELF-ORGANIZED CRITICALITY, by Per Bak and Kan Chen; January, page 46.

SEXUALLY TRANSMITTED DISEASES IN THE AIDS ERA, by Sevgi O. Aral and King K. Holmes; February, page 62.

SHOCK WAVES, COLLISIONLESS, by Roald Z. Sagdeev and Charles F. Kennel; April, page 106.

SILICON RETINA, THE, by Misha A. Mahowald and Carver Mead; May, page

SPACE RECONNAISSANCE, THE FUTURE OF, by Jeffrey T. Richelson; January, page 38.

STARS, WORLDS AROUND OTHER, by David C. Black; January, page 76.

STARS, THE EARLY LIFE OF, by Steven W. Stahler; July, page 48.

STEM CELL, THE, by David W. Golde; December, page 86.

STREPTOCOCCAL M PROTEIN, by Vincent A. Fischetti; June, page 58.

STROKE THERAPY, by Justin A. Zivin and Dennis W. Choi; July, page 56.

TELOMERE, THE HUMAN, by Robert K. Moyzis; August, page 48.

TEVATRON, THE, by Leon M. Lederman; March, page 48.

THOROUGHBRED HORSES, THE GENETICS OF, by Patrick Cunningham; May, page 92.

TRENDS IN ARTIFICIAL INTELLIGENCE: SILICON BABIES, by Paul Wallich; December, page 124.

TRENDS IN ASTRONOMY: MIRRORING THE COSMOS, by Corey S. Powell; November, page 112.

TRENDS IN BIOLOGY: SMART GENES, by

Tim Beardsley; August, page 86.

TRENDS IN COMPUTING: CALCULATING REALITY, by Elizabeth Corcoran; January, page 100.

TRENDS IN ENERGY: CLEANING UP COAL, by Elizabeth Corcoran; May, page 106. TRENDS IN ENVIRONMENTAL TECHNOLOGY: SOILED SHORES, by Marguerite Holloway and John Horgan; October, page 102.

TRENDS IN EVOLUTION: IN THE BEGIN-NING..., by John Horgan; February, page 116.

TRENDS IN GEOPHYSICS: PEERING IN-WARD, by Corey S. Powell; June, page 100.

TRENDS IN LINGUISTICS: HARD WORDS, by Philip E. Ross; April, page 138.

TRENDS IN PHARMACOLOGY: R_x FOR ADDICTION, by Marguerite Holloway; March, page 94.

TRENDS IN TRANSPORTATION: ALONG FOR THE RIDE?, by Gary Stix; July, page 94.

TUMBLEWEED, by James A. Young; March, page 82.

U.S.S.R., ANTISCIENCE TRENDS IN THE, by Sergei Kapitza; August, page 32.

WEEDS, BIOLOGICAL CONTROL OF, by Gary A. Strobel; July, page 72.

X-RAY MICROSCOPES, by Malcolm R. Howells, Janos Kirz and David Sayre; February, page 88.

THE AMATEUR SCIENTIST

Painting in color without pigments, November, page 136.

MATHEMATICAL RECREATIONS

Computer graphics make an invisible world seem less alien, Tools for; January, page 118.

Concentration: a winning strategy; October, page 126.

Digital sundial? What in heaven is a; August, page 104.

Infinity, A short trek to; December, page

Lyapunov space, Leaping into; September, page 178.

Rigidity, or how to brace yourself against unlikely accidents, The theory of; May, page 126.

Robots, Insectoids invade a field of; July, page 118.

Terrain, A swift trip over rugged; June, page 123.

Topological tidbits and puzzling plums, A menu of mathematical morsels; March, page 116.

Walk in step with the animals that roam the jungle, Why Tarzan and Jane can; April, page 158.

Labyrinth, The true story of how Theseus found his way out of the; February, page 136.



FREE Audio Catalog

At Cambridge SoundWorks we manufacture speakers and music systems designed by Henry Kloss (founder of AR, KLH, & Advent), and we sell them from our factory in Newton, Mass. We also sell selected audio components from brands like Philips, Pioneer, Denon and Nakamichi. Because we sell factory-direct, you can save hundreds of dollars on components and systems. We sell nothing but "the good stuff" Our knowledgeable audio experts will help you make the right choices, without being pushy. And you can call toll-free for advice or "hook-up help" 365 days a year—even holidays. This is the simplest way to get the right deal on stereo components...and there's virtually no risk.

- · Call toll-free for factory-direct savings.
- Audio experts will answer all your questions, before, and after you buy.
- · 30-day money-back satisfaction guarantee.

"Ensemble II, like its companions in the Cambridge SoundWorks lineup, performs so far beyond its price and size class that it can be compared only with much larger speakers at substantially higher prices."

- Stereo Review.

1-800-AKA-HIFI * 24 hours a day; 365 days a year (800-252-4434)

CAMBRIDGE SOUNDWORKS

154 California St., Suite 10513, Newton, MA 02158 *In Canada call 1-800-525-4434, Fax: 617-332-9229 Outside U.S. or Canada 617-332-5936